

Refine Search

Search Results -

Terms	Documents
L13 and density	8

Database: US Pre-Grant Publication Full-Text Database
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 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search: L14

Search History

DATE: Wednesday, May 03, 2006 [Printable Copy](#) [Create Case](#)

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<i>side by side</i>				
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L14	L13 and density	8	L14	
L13	L12 and L7	8	L13	
L12	L11 and L6	8	L12	
L11	L10 and L5	9	L11	
L10	L9 and L4	31	L10	
L9	L8 and L3	32	L9	
L8	L1 and L2	364	L8	
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L6	fine adj particle adj fraction	612	L6	
L5	mean adj ((geometric adj diameter) or (aerodynamic adj diameter))	212	L5	
L4	phospholipid	51512	L4	
L3	(hydrofluoroalkane or hydrofluorocarbon or fluorocarbon or fluoroalkane) near10 propellant	3202	L3	

L2 (porous or perforat\$) adj (microparticles or microstructures)
L1 dispersion

948 L2
599556 L1

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 20:13:59 ON 03 MAY 2006)

FILE 'CAPLUS, MEDLINE' ENTERED AT 20:14:09 ON 03 MAY 2006

L1 345814 S DISPERSION
L2 675 S (POROUS OR PERFOR?) (W) (MICROPARTICLE? OR MICROSTRUCTURE?)
L3 1 S L2 AND ((HYDROFLUOROALKANE OR HYDROFLUOROCARBON OR FLUOROALKANE
L4 2 S L2 AND (HYDROFLUOROALKANE OR HYDROFLUOROCARBON OR FLUOROALKANE
L5 18520 S (HYDROFLUOROALKANE OR HYDROFLUOROCARBON OR FLUOROALKANE OR FL
L6 21 S L1 AND L2
L7 9 S L2 AND SURFACTANT
L8 3 S L6 AND SURFACTANT
L9 1 S L6 AND (REFRACTIVE (W) INDEX)
L10 21 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)
L11 9 DUPLICATE REMOVE L7 (0 DUPLICATES REMOVED)

L6 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Stabilized preparations for use in metered dose inhalers
 AB Stabilized dispersions are provided for the delivery of a bioactive agent to the respiratory tract of a patient. The dispersions preferably comprise a plurality of **perforated microstructures** dispersed in a suspension medium that typically comprises a hydrofluoroalkane propellant. As d. variations between the suspended particles and suspension medium are minimized and attractive forces between microstructures are attenuated, the disclosed dispersions are particularly resistant to degradation, such as, by settling or flocculation. In particularly preferred embodiments, the stabilized dispersions may be administered to the lung of a patient using a metered dose inhaler.

ACCESSION NUMBER: 1999:233783 CAPLUS
 DOCUMENT NUMBER: 130:272012
 TITLE: Stabilized preparations for use in metered dose inhalers
 INVENTOR(S): Weers, Jeffry G.; Tarara, Thomas E.; Dellamary, Luis A.; Kabalnov, Alexey; Schutt, Ernest G.
 PATENT ASSIGNEE(S): Alliance Pharmaceutical Corp., USA
 SOURCE: PCT Int. Appl., 58 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 9
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9916422	A1	19990408	WO 1998-US20615	19980929
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AU 9896772	A1	19990423	AU 1998-96772	19980929
AU 757153	B2	20030206		
EP 1019021	A1	20000719	EP 1998-950826	19980929
EP 1019021	B1	20030903		
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JP 2003525842	T2	20030902	JP 2000-513560	19980929
AT 248583	E	20030915	AT 1998-950826	19980929
ES 2195408	T3	20031201	ES 1998-953220	19980929
ES 2195415	T3	20031201	ES 1998-954933	19980929
ES 2205560	T3	20040501	ES 1998-950826	19980929
US 6309623	B1	20011030	US 1998-218212	19981222
CA 2335940	AA	20000106	CA 1999-2335940	19990331
WO 20000000215	A1	20000106	WO 1999-US6855	19990331
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AU 9935469	A1	20000117	AU 1999-35469	19990331
AU 760537	B2	20030515		

EP 1091755	A1	20010418	EP 1999-917320	19990331
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JP 2003535017	T2	20031125	JP 2000-556800	19990331
US 6630169	B1	20031007	US 2000-720536	20001222
US 2001046474	A1	20011129	US 2001-862764	20010521
US 6638495	B2	20031028		
US 2004170568	A1	20040902	US 2003-644265	20030819
AU 2006200768	A1	20060316	AU 2006-200768	20060224
PRIORITY APPLN. INFO.:				
			US 1997-60337P	P 19970929
			US 1998-106932	A 19980629
			US 1998-133848	A2 19980814
			WO 1998-US20602	W 19980929
			WO 1998-US20603	W 19980929
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			WO 1998-US20615	W 19980929
			US 1998-218209	A 19981222
			US 1998-218212	A 19981222
			US 1998-218213	A 19981222
			US 1998-219736	A 19981222
			WO 1999-US6855	W 19990331
			AU 2001-61246	A3 20010508
			US 2001-862764	A1 20010521

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

1.6 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Stabilized dispersions containing fluorochemical suspension mediums as carriers for pulmonary delivery of bioactive agents, and methods of their use
 AB Stabilized dispersions are provided for the delivery of a bioactive agent. The dispersions preferably comprise a plurality of **perforated microstructures** dispersed in a suspension medium that typically comprises a liquid fluorochem. As d. variations between the suspended particles and suspension medium are minimized and attractive forces between microstructures are attenuated, the disclosed dispersions are particularly resistant to degradation, such as by settling or flocculation. In particularly preferred embodiments the stabilized dispersions may be directly administered to the lung of a patient using an endotracheal tube or bronchoscope. A **dispersion** containing **perforated microstructure** powder of ampicillin 20, hydroxyethyl starch 14.38, dipalmitoylphosphatidylcholine 65.2 % and perfluorohexane q.s., and deionized water q.s. was prepared, and administered (10 mg ampicillin) via liquid dose instillation (LDI) to pneumonia model rats. The local lung concentration of ampicillin were 250 times higher with LDI delivery as compared with the i.m. administration, and persisted for several days.

ACCESSION NUMBER: 1999:233782 CAPLUS

DOCUMENT NUMBER: 130:272011

TITLE: Stabilized dispersions containing fluorochemical suspension mediums as carriers for pulmonary delivery of bioactive agents, and methods of their use

INVENTOR(S): Dellamary, Luis A.; Tarara, Thomas E.; Kabalnov, Alexey; Weers, Jeffry G.; Schutt, Ernest G.

PATENT ASSIGNEE(S): Alliance Pharmaceutical Corp., USA

SOURCE: PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9916421	A1	19990408	WO 1998-US20613	19980929

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 CA 2304820 AA 19990408 CA 1998-2304820 19980929
 AU 9896770 A1 19990423 AU 1998-96770 19980929
 AU 756693 B2 20030123
 EP 1019020 A1 20000719 EP 1998-950824 19980929
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 CA 2335940 AA 20000106 CA 1999-2335940 19990331
 WO 2000000215 A1 20000106 WO 1999-US6855 19990331
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 AU 760537 B2 20030515
 EP 1091755 A1 20010418 EP 1999-917320 19990331
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 JP 2003535017 T2 20031125 JP 2000-556800 19990331
 US 6630169 B1 20031007 US 2000-720536 20001222
 US 2002188281 A1 20021212 US 2001-999071 20011203
 AU 2006200768 A1 20060316 AU 2006-200768 20060224
 PRIORITY APPLN. INFO.:
 US 1997-60337P P 19970929
 US 1998-106932 A 19980629
 US 1998-133848 A2 19980814
 WO 1998-US20602 W 19980929
 WO 1998-US20603 W 19980929
 WO 1998-US20613 W 19980929
 WO 1998-US20615 W 19980929
 US 1998-218209 A 19981222
 US 1998-218212 A 19981222
 US 1998-218213 A 19981222
 US 1998-219736 A 19981222
 WO 1999-US6855 W 19990331
 AU 2001-61246 A3 20010508

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Stabilized preparations for use in nebulizers
 AB Stabilized dispersions are provided for the delivery of a bioactive agent to the respiratory tract of a patient. The dispersions preferably comprise a stabilized colloidal system which may comprise a fluorochem. component. In particularly preferred embodiments, the stabilized dispersions comprises **perforated microstructures** dispersed in a fluorochem. suspension medium. As d. variations between the suspended particles and suspension medium are minimized and attractive

forces between microstructures are attenuated, the disclosed dispersions are particularly resistant to degradation, such as by settling or flocculation. In particularly preferred embodiments, the stabilized dispersions may be administered to the lung of a patient using a nebulizer.

ACCESSION NUMBER: 1999:233781 CAPLUS
 DOCUMENT NUMBER: 130:272010
 TITLE: Stabilized preparations for use in nebulizers
 INVENTOR(S): Schutt, Ernest G.; Tarara, Thomas E.; Dellamary, Luis A.; Kabalnov, Alexey; Weers, Jeffry G.
 PATENT ASSIGNEE(S): Alliance Pharmaceutical Corp., USA
 SOURCE: PCT Int. Appl., 63 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 9
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9916420	A1	19990408	WO 1998-US20603	19980929
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AT 239447	E	20030515	AT 1998-954933	19980929
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ES 2195408	T3	20031201	ES 1998-953220	19980929
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WO 2000000215	A1	20000106	WO 1999-US6855	19990331
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JP 2003535017	T2	20031125	JP 2000-556800	19990331
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AU 2006200768	A1	20060316	AU 2006-200768	20060224
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WO 1999-US6855	W	19990331
AU 2001-61246	A3	20010508

REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

 **PALM INTRANET**

Day : Wednesday

Date: 5/3/2006

Time: 11:33:27

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.

Additionally, enter the **first few letters** of the Inventor's First name.

Last Name**First Name**

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Day : Wednesday

Date: 5/3/2006

Time: 11:33:27

Inventor Name Search

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Additionally, enter the **first few letters** of the Inventor's First name.

Last Name**First Name**

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Day : Wednesday

Date: 5/3/2006

Time: 11:33:27

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
Additionally, enter the **first few letters** of the Inventor's First name.

Last Name**First Name**

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Day : Wednesday

Date: 5/3/2006

Time: 11:33:27

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.

Additionally, enter the **first few letters** of the Inventor's First name.

Last Name**First Name**

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Day : Wednesday

Date: 5/3/2006

Time: 11:33:27

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.

Additionally, enter the **first few letters** of the Inventor's First name.

Last Name**First Name**

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Freeform Search

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 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Term:

Display: **Documents in Display Format:** CIT Starting with Number

Generate: Hit List Hit Count Side by Side Image

Search History

DATE: Wednesday, May 03, 2006 [Printable Copy](#) [Create Case](#)

Set Name	Query	Hit Count	Set Name
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L9	Thomas near Tarara	30	<u>L9</u>
L8	Luis near Dellamary	24	<u>L8</u>
L7	Ernest near Schutt	61	<u>L7</u>
L6	Jeffry near Weers	58	<u>L6</u>
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END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L3 and @pd<19980929	8

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
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Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L4

Refine Search

Recall Text Clear Interrupt

Search History

DATE: Wednesday, May 03, 2006 [Printable Copy](#) [Create Case](#)**Set Name** Query
side by side**Hit Count** Set Name
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L3	L2 and (metering adj valve)	134	<u>L3</u>
L2	L1 and ((fluid or liquid) adj (reservoir or container))	247	<u>L2</u>
L1	metered adj dose adj inhaler	4739	<u>L1</u>

END OF SEARCH HISTORY